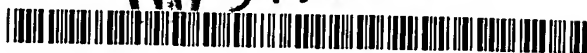


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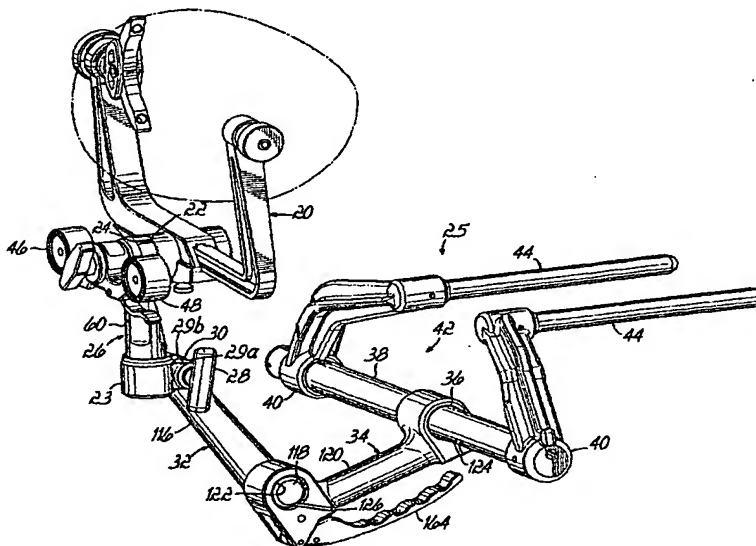
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ning of each regular issue of the PCT Gazette.

(54) Title: SWIVEL ADAPTER AND BASE UNIT HANDLE



(57) Abstract: A swivel adapter (26) has a base (60) with an outward facing first side (57) and a pivot surface (55) extending from the first side. A center adapter (52) is mounted for pivoting motion on the pivot surface and has an outward facing first device connector (46). A clamp (78) has a clamp operator (80) operable to clamp the center adapter on the pivot surface at a desired orientation with respect to the base. A base unit handle (34) has a clamping mechanism (128, 138, 156, 164) connected to a body (120) having two split bores (36, 122), which is operable to clamp and unclamp the split bores on respective shafts. The clamping mechanism has linkage (138, 156) connected to a closing handle (164) to provide a mechanical advantage to the handle during the clamping action.

WO 2004/084751 A3

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61B A61G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 572 835 A (KEES GEORGE JR ET AL) 30 March 1971 (1971-03-30)	1,2,6-9, 11
Y	column 1, line 73 - column 2, line 24; figure 5	14-16
Y	----- US 5 276 927 A (DAY JAMES L) 11 January 1994 (1994-01-11)	14-16
A	column 3, line 45 - line 51; figure 1	12
A	----- US 2002/133174 A1 (BRONISZ LARRY ET AL) 19 September 2002 (2002-09-19)	1,11,12, 14,16
A	paragraphs [0034], [0047]; figure 7	
A	----- US 5 560 728 A (MCFADDEN JOSEPH T) 1 October 1996 (1996-10-01)	1,14
	abstract; figure 1	
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

4 August 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 964 748 A (MCFADDEN JOSEPH T) 23 October 1990 (1990-10-23) abstract; figure 1 -----	1,14

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/007327

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-16, 20

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-16,20

swivel adapter

2. claims: 17-19

base unit handle

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US 4964748	A	23-10-1990	WO 9015258 A1	13-12-1990